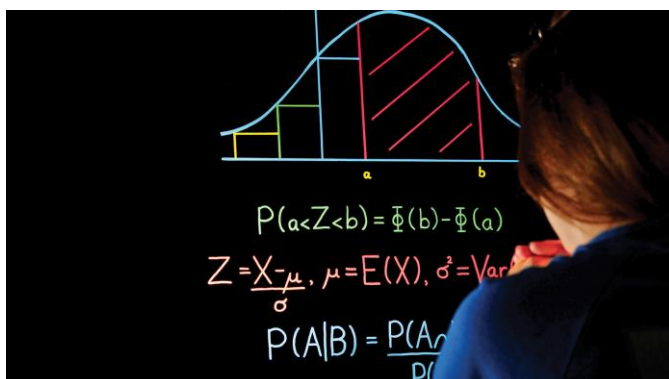


Mathematical ability is a very valuable asset - if you have some, make the most of it! Mathematics is so important, the Government wants most students to study it until they are 18



**Are you interested in:**

- humanities
- sciences
- business/economics
- real life problems

**Leading to a career in:**

- business
- health care
- teaching

**Teachers to contact:**

Mr D Parro

Exam Board: AQA

AS

## 2 YEAR AS-LEVEL

Only 20% of students study Maths beyond GCSE in the UK – the lowest rate in the leading developed work; in Japan, this figure is 85%. This puts young people in the UK at a major disadvantage in the global job market.

The skills developed in the study of mathematics are increasingly important in the workplace and in higher education; studying Core Maths will help you keep these essential skills. Most students who study Maths after GCSE improve their career choices and increase their earning potential.

Core Maths is about students doing meaningful Maths problems to increase their confidence in using Maths and to be better equipped for the mathematical demands of other courses, higher education, employment and life.

### What is the course content?

#### Compulsory content

- Analysis of data
- Maths for personal finance.
- Estimation
- Critical analysis of given data and models including spreadsheets and tabular data

Teachers, Higher Education and industry see analysis of data and personal finance as topics in which all students should have confidence and competence.

#### Optional content (One of the following)

- Statistical techniques.
- Critical path and risk analysis.
- Graphical techniques.

How long will it take me to pay off a student loan?

What is VAT?

How is the assessment structured?

Two exam papers taken at the end of the two year linear course:

Paper 1 assesses:

- Analysis of Data
- Maths for personal finance
- Estimation

How much of a deposit will I need to buy a house?

AND

Paper 2A assesses:

- Critical analysis of given data and models including spreadsheets and tabular data
- Statistical Techniques

Is it worth having a flu vaccine?

Has the NHS wasted millions on failed attempts to tackle obesity?

What proportion of students have an IQ over 130?